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## Terms

1D	one-dimensional
3D	three-dimensional
amsl	above mean sea level
ARAR	applicable or relevant and appropriate requirement
AVS	acid volatile sulfides
AWQC	ambient water quality criteria
BCG	Biota Concentration Guide
BDL	below detection limit
bgs	below ground surface
BRA	baseline risk assessment
CalEPA	California Environmental Protection Agency
CAS	Chemical Abstract Services
CERCLA	<i>Comprehensive Environmental Response, Compensation, and Liability Act of 1980</i>
CFR	Code of Federal Regulations
CLARC	Cleanup Levels and Risk Calculations
CLUP	Comprehensive Land Use Plan
COC	contaminant of concern
COEC	contaminant of ecological concern
COPEC	contaminant of potential ecological concern
COPC	contaminant of potential concern
CRBG	Columbia River Basalt Group
CRC	Columbia River Component
CSM	conceptual site model
CTUIR	Confederated Tribes of the Umatilla Indian Reservation
CVP	Cleanup Verification Package
CWA	<i>Clean Water Act</i>
CY	calendar year
DOE	U.S. Department of Energy
DOE-RL	U.S. Department of Energy – Richland Operations Office
DQA	data quality assessment

DQO	data quality objective
DWS	drinking water standard
Ecology	Washington State Department of Ecology
ELCR	Excess lifetime cancer risk
EPA	U.S. Environmental Protection Agency
EPC	exposure point concentrations
ERA	ecological risk assessment
ERAGS	Ecological Risk Assessment Guidance for Superfund
ERDF	Environmental Restoration Disposal Facility
FS	Feasibility Study
FSB	Fuel Storage Basin
FY	fiscal year
GHG	greenhouse gas
GRA	general response action
HEAST	<i>Health Effects Assessment Summary Tales</i>
HEIS	Hanford Environmental Information System
HHE	human health and the environment
HHRA	human health risk assessment
HI	hazard index
HMS	Hanford Meteorological Station
HQ	hazard quotient
HSP	health and safety plan
IAMP	interim action monitoring plan
IC	Institutional control
ICP	inductively coupled plasma
ID	identification
IEUBK	Integrated Exposure Uptake Biokinetic
IRIS	Integrated Risk Information System
ISRM	in situ redox manipulation
ISS	interim safe storage
K <sub>d</sub>	distribution coefficient
LARADS	Laser-Assisted Ranging and Data System LARADS

LFI	limited field investigation
LIDAR	Light Detection and Ranging
LSFF	Large Sodium Fire Facility
MCL	maximum contaminant level
MCLG	maximum contaminant limit goal
MDA	minimum detectable activity
MDL	method detection limit
MNA	monitored natural attenuation
MRDL	Maximum residual disinfectant level
MS	mass spectrometry
MSE	Mean Squared Error
MTCA	<i>Model Toxics Control Act</i>
N/A	not applicable
NEPA	<i>National Environmental Policy Act of 1969</i>
NESHAP	National Emission Standards for Hazardous Air Pollutants”
NJDEP	New Jersey Department of Environmental Protection
NOAEL	No observed adverse-effect level
NR	Nonrepresentative
NTU	nephelometric turbidity units
O&M	operations and maintenance
ORNL	Oak Ridge National Laboratory
OSE	orphan site evaluation
OU	operable unit
PA	preliminary assessment
PAH	polycyclic aromatic hydrocarbon
PCB	polychlorinated biphenyl
PEF	particulate emission factor
PEST	parameter estimation
PNNL	Pacific Northwest National Laboratory
PPE	personal protection equipment
PQL	practical quantitation limit
PRG	preliminary remediation goal

PRZ	periodically rewetted zone
PVC	polyvinyl chloride
QA	quality assurance
QAPjP	Quality Assurance Project Plan
QC	quality control
QRA	qualitative risk assessment
RAG	remedial action goal
RAO	Remedial Action Objective
RAWP	Remedial Action Work Plan
RBSL	risk-based screening level
RCBRA	River Corridor Baseline Risk Assessment
RCRA	<i>Resource Conservation and Recovery Act of 1976</i>
RDR	Remedial Design Report
RD/RA	Remedial design/remedial action
RESRAD	Residual Radioactivity (model)
RfD	Reference dose
RI	Remedial Investigation
RLM	Ringold Formation lower mud
RME	Reasonable maximum exposure
RMSE	Root Mean Squared Error
ROD	Record of Decision
RPO	remedial process optimization
RPP	rigid porous polyethylene
RSVP	Remaining Site Verification Package
RTD	removal, treatment, and disposal
RUM	Ringold Formation upper mud
SAP	sampling and analysis plan
SDWA	<i>Safe Drinking Water Act of 1974</i>
SEM	simultaneously extracted metal
SESP	Surface Environmental Surveillance Program
SI	Site investigation
SMDP	Scientific management decision point

SSE	Sum of Squared Errors
SSL	soil screening levels
STOMP	Subsurface Transport Over Multiple Phases (model)
SVOC	semivolatile organic compound
TBC	to be considered
TMV	toxicity, mobility, or volume
TOC	total organic carbon
TPA	Tri-Party Agreement
TSD	treatment, storage, and disposal
UCL	upper confidence limit
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey
USRADS	Ultrasonic Ranging and Data System
VOC	volatile organic compound
WAC	Washington Administrative Code
WDOH	Washington State Department of Health
WE	water extraction
WIDS	Waste Information Data System
ZVI	zero valent iron

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